

Abstract of the Disclosure

A thermal spray grit roller includes a roller shaft having an outer periphery and a roller body connected to the outer periphery of the roller shaft. A grit layer comprising a multiple individual grit particles is deposited on the circumferential outer surface of the roller body by a thermal spray process. A method for manufacturing the thermal spray grit roller includes collecting raw materials for use in the method, including at least one roller subassembly, having a roller body connected to a roller shaft, and the application material. The outer surface of each roller body is degreased. Then, any portion of the roller body outer surface that will not be covered by the grit layer is masked. Finally, the grit layer is formed on the roller body outer surface with a thermal spray process.